BIXOLON GUIDE 2006 EDITION

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www. samsungminiprinters.com

BIXOLON® | SAMSUNG

BIXOLON SAMSUNG Mini Printers

BIXOLON® | SAMSUNG

BIXOLON Philosophy

We believe that printing technology is an essential tool which contributes to the business world as well as to the general public; thus we are devoting ourselves to developing products and services utilizing the best people and applying the most advanced technology.

As a company that originated from Samsung, we are proud to honor and live Samsung 's business culture and traditions within BIXOLON

Credo of BIXOLON employees

We sell satisfaction - we smile with our customers.
We are proud of, and confident in, our brand : BIXOLON.
We believe our products and services must be the best.
We are technical experts to rely on and a lifetime business partner.
We value teamwork; achieving our goals by respecting each other.

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Devotion to Clients and Printing Technology

Printing technology is the science of producing printed materials - the result of processed information - that can be easily understood and shared. Accurate and well presented printing materials improve decision making and work processes in terms of speed and quality.

BIXOLON is focusing on POS, Auto ID, and Mobile printers which are essential tools to verify and apply data. These products improve information system operations and also increase the user's processing capacity.

BIXOLON products are internationally approved and trusted by customers all around the globe. We are proud of our achievements and will not stop improving our products and services, thus increasing customer satisfaction and raising the technical standards of the printing industry.

BIXOLON originated from Samsung

In 1993, the printing business department at Samsung Electro-Mechanics designed and developed its first ECR printing mechanism. Since then, this business successfully has been growing, adding new products and global partnerships. In 2003, Samsung Electro-Mechanics authorized and endorsed the creation of an independent corporate entity, BIXOLON, to ensure the continued success and growth of this specialized field by adding focus and expertise for the printing products.

BIXOLON is proud of its heritage and is maintaining all the positive aspects of its Samsung roots. All BIXOLON's founding members are former Samsung staff, whom remain fully committed to follow, implement and live Samsung traditions and corporate culture. As such, all the BIXOLON business functions and processes have derived from and are based on Samsung ŝ corporate mission-utilizing its people and technologies to provide products and services that benefit mankind.

NEW RELEASE

SRP-350plus(A/C/F)

Two-Color Thermal Printer

SRP-350plus A Type

SRP-350plus C Type

SRP-350plus F

The BIXOLON SRP-350plus series (SRP-350olusA/C/F types) is the new BIXOLON's suggestion for you to boost more performance than the SRP-350.

Designed specifically for high-volume retail and hospitality environments, the SRP-350plus delivers more speed and more reliability than ever before. It offers 200mm/sec printing speed of text and graphics, two-color capability and new ease-of-use features.

- SRP-350plus A type : Tear-bar type
- SRP-350plus C type : Auto Cutter type
- SRP-350plus F type : Fiscal printer with auto cutter

BPP-100

Panel Thermal Printer

With its speed, quality and cost-effective efficiency, the BIXOLON Samsung BPP-100 is clearly an ideal product. This user-friendly design incorporates a very compact size, drop and print, and can print at a speed of 65mm per second.

Just some of applications;
Medical Analyzer, Industrial Instrument, Recorder, Geological Analyzer, Chemical Analyzer, Metallic Analyzer, Receipt, Coupon, Ticket, Bar-Code etc.

BCD-1000

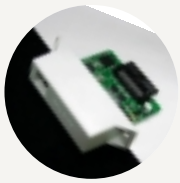
BIXOLON Customer Display

BIXOLON's BCD-1000 is a slim customer display that provides your customers clear, easy-to-read information at the fastest data-transfer rate available. The easy-to-use VFD display makes at attractive communication with customers by its fascinating design and rich colors.

The BCD-1000 is a 2 x 20 line 5mm character height display that comes with much functionality that simply is not found in other vendors ¡ f customer displays. User-definable characters, and a built-in real time clock are all standard features of the unit's firmware. The BCD-1000 comes with variety of interfaces, can emulate many popular command sets, and has better visibility due to an optically matched lens and wider character pitch. Best of all, this premium pole display is also one of the most affordable on the market.

ADVANCED TECHNOLOGY

Versatile Interface



Ethernet

Ethernet infrastructure is more than just a way for computers to communicate with each other. Ethernet can also be used to communicate with devices such as printers, using Ethernet print servers.

Available with Ethernet : SRP-350plus, SRP-350, SRP-370, SRP-270, SRP-275

Bluetooth

Remove cables between POS host and remote printers effecitively and affordably

Available with Bluetooth : SRP-350plus, SRP-350, SRP-370, SRP-270, SRP-275

USB + Serial

One combo board provides faster speed and ease of use

Available with USB+Serial : SRP-350plus, SRP-350, SRP-370, SRP-270

Powered USB

Our powered USB offers a secure peripheral connection that delivers both power and data over a single cable connection

Available with Powered USB : SRP-350plus, SRP-350, SRP-370, SRP-270, SRP-275

* Serial, Parallel and USB are available as basic interfaces

User-Friendly Options

Wall-Mount Bracket

Available with SRP-350plus, SRP-350, SRP-370, SRP-275

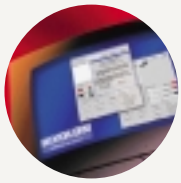
Splash Proof Cover

Available with SRP-350plus, SRP-350, SRP-370, SRP-275

External Buzzer

Available with SRP-350plus, SRP-350, SRP-270, SRP-500

Software Support



- Windows Driver (Windows 95/98/ME/2000/NT/XP/2003 server)
- OPOS
- Logo Download Utility
- Memory Switch Utility

BIXOLON Thermal Printers

As more customers stand in line, more your choice on POS printers becomes important.
BIXOLON Samsung mini printers help you design your own POS system
and fast wide selection.

In recent years the speed, print quality and graphics capabilities of thermal printers have increased their popularity and decreased their cost of ownership.
BIXOLON is pleased to present our full line of direct thermal printers with a variety of features and performance levels to fit any application.

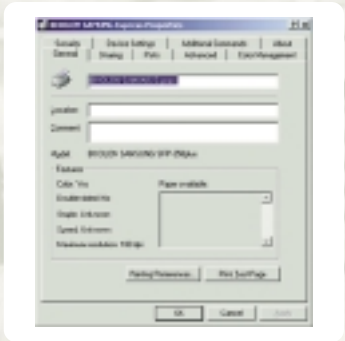
User-Friendly BIXOLON Software Utility and Driver

Customer oriented utilities enable the users to directly access logo download, language selection and setting change more easily.

- Virtual Memory Switch Manager (VMSM)
  - Easy selection of printer settings and Default language change
- Firmware Download Utility
  - Simple download process and No hardware change required
- BIXOLON Express Windows Driver
  - Marvelous printing speed of TrueType fonts and Graphics

Virtual Memory Switch Manager Utility

Firmware Download Utility



BIXOLON Express Windows Driver

new

SRP-350plus

Two-color Thermal Receipt Printer

Ivory Dark Gray

The SRP-350plus series (SRP-350plusA/C) is the new BIXOLON's suggestion for you to boost more performances than the SRP-350.

Designed specifically for high-volume retail and hospitality environments, the SRP-350plus delivers more speed and more reliability than ever before. It offers 200mm/sec printing speed of text and graphics, two-color capability and new ease-of-use features.

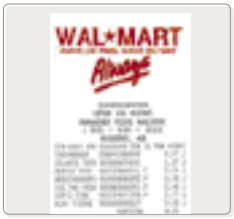
SRP-350plus A type (Tear - bar Type)

SRP-350plus C type (Auto Cutter Type)

- A BIXOLON product : The performance of a strong partner, wide experience and support, compatibility to all the other peripherals
- High-end thermal print technology : Quiet printing for a convenient atmosphere in the cash zone. Printer can also be used in high-class shops; avoids disturbing the staff and the customers at POS environment
- Printing speed of up to 200mm/sec.(30% faster than the SRP-350) : Saves time at POS during the cash procedure; avoids customer queues in the cash zone; fast print of sharp bar-codes and logos
- Compact foot printer, 145(W) x 195(L) x 146(H) : Saves space on the counter
- High reliability : MCBF 70million lines, Auto cutter 1.5million cuts
- Easy code page installation by user-friendly utility (VMSM).
- Improved cover design for increased spill resistance
- Wide range of interface cards: Serial, Parallel, USB(USB 2.0 is available), Ethernet (10 / 100 Base T), Bluetooth

Easy Paper Loading

Beautiful Two-color printing



Attractive Features

Splash proof cover

Wall mount bracket

Internal / External Buzzer

SEPCIFICATION FOR THE SRP-350PLUSA / C THERMAL RECEIPT PRINTER		
PRINT	PRINT METHOD	Direct Thermal Printing
	WIDTH	3-inch
	PRINT SPEED	200mm / sec
	RESOLUTION	180 DPI(7dot / mm)
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTER SIZES	Font A : 12 X 24 Font B : 9 X 24
	CHARACTER PER LINE	Font A : 42 Font B : 56
	EMULATION	ESC / POS
	SENSORS	Paper near end sensor, Paper end sensor
	PAPER TYPE	Thermal Paper
PAPER ROLL	WIDTH	79.5mm ± 0.5mm
	DIAMETER	Max. Ø 83.0mm
BARCODES		1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E
		2D : PDF417, QR Code
RELIABILITY	MCBF	70,000,000 Lines
	AUTO CUTTER	1.5 million cuts
	TPH	150 km
CONNECTIVITY	INTERFACE	RC - 232C, IEEE - 1284, USB, USB + Serial, Ethernet(10 / 100 Base - T), Bluetooth
POWER	SUPPLY	AC 120V~230V° ± 10%(Include), DC 24V, 2.3A
RECEIVE BUFFER SIZE		64KBytes
OPTIONS	CUTTER TYPE	SRP - 350plusC Type : Auto Cutter (Guillotione)
		SRP - 350plusA Type : Manual Cutter(Tear - Bar)
		Wall mount blanket , Splash proof cover
	LANGUAGE	Buyer Language Support
DIMENSION		145(W) X 195(L), 146(H)mm

new

SRP-350plus F

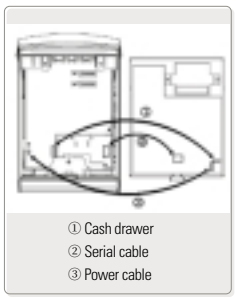
Two-color Thermal Fiscal Printer

BIXOLON has newly released a thermal fiscal printer SRP-350plus F.
With its 1 station, electronic journal thermal fiscal printer, BIXOLON provides high-speed printing of receipts and journals. The specialist for fiscal POS solutions reaches speeds of 200mm per second when printing both receipts and journals.

- Receipt and journal printing in a slim housing: Saves space; flexible and versatile; can be used in nearly all retail segments
- Printing speed of up to 200mm/s with two-color printing: Saves time at POS during the cash procedure ; avoids customer queues in the cash zone; fast print of sharp bar-codes and logos.
- Prepared space for fiscal module : The smooth and slim housing is not influenced by fiscal board.
- Compact foot print, 145x197x177 : Saves space on the counter that can be used for POS revenue.
- High reliability: MCBF 70million lines, Auto cutter 1.5million cuts
- High-end thermal print technology : Quiet printing for a convenient atmosphere in the cash zone. Printer can also be used in high-class shops; avoids disturbing the staff and the customers at POS
- Simply chosen by memory switch program or commend
- Integrated Sealing point

Space for built-in fiscal board

Connecting the cable



① Cash drawer
② Serial cable
③ Power cable

Easy paper loading

PRINTING SPEED | EASY SYSTEM | EASY LOAD | BIXOLON LOGO DOWN LOAD | COMPACT | INTERFACES | PRINT ALARM BUZZER

SEPCIFICATION FOR THE SRP-350PLUSF FISCAL THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal Printing
	WIDTH	3-inch
	PRINT SPEED	200mm / sec
	RESOLUTION	180DPI(7dot / mm)
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTER SIZES	Font A : 12 X 24 Font B : 9 X 24
	CHARACTER PER LINE	Font A : 42 Font B : 56
	EMULATION	ESC/POS
	SENSORS	Paper near end sensor, Paper end sensor
	PAPER TYPE	Thermal Paper
PAPER ROLL	WIDTH	79.5mm ± 0.5mm
	DIAMETER	Max. Ø 83.0mm
BARCODES		1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E
		2D : PDF417, QR Code
RELIABILITY	MCBF	70,000,000 Lines
	AUTO CUTTER	1.5 willion cuts
	TPH	150 km
CONNECTIVITY	INTERFACE	RC - 232C, IEEE - 1284, USB, USB + Serial, Ethernet (10 / 100 Base-T), Bluetooth
POWER	SUPPLY	AC 120V ~ 230V±10% (Include), DC 24V, 2.3A
RECEIVE BUFFER SIZE		64KBytes
OPTIONS	AUTO CUTTER TYPE	Guillotine
	LANGUAGE	Buyer Language support
DIMENSION		145(W) X 195(L), 177(H)mm

SRP-370/372

Two-Color Thermal Printer

Ivory Dark Gray

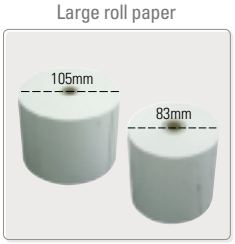
High speed & 2 color POS printer features for all Retail and Hospitality solutions!!!

BLXOLON Samsung Mini Printers keep at the forefront of technology and commitment to reliability with new model. The SRP-370 two color fast print speed thermal printer is ideal for retail and hospitality applications and allows you to print receipt with company logos and barcodes plus add coupons.

- The fastest speed in its class : Printing at maximum speed of 200mm per second
- Beautiful color printing : Two-color receipt increase the customer 's satisfaction with your business
- Multiple paper widths (80mm=standard receipt, 58mm=2 inch label, 82.5mm= special as Lottery)
- No more embarrassing paper jams in front of your customers with" Drop in and print "
- Print lasts longer with a bigger paper diameter up to 105mm
- A quality suite of software for easy system integration : Windows, OPOS and Java POS are full lined up
- High resolution : Customer can have freedom to choose 180dpi(SRP-370) or 203 dpi(SRP-372) at any necessities
- Wide range of interface cards: Serial, Parallel, USB(USB 2.0 is available), 10/100 Base T, Bluetooth

Lottery & Ticket

Large roll paper



Selective paper width

PRINTING SPEED | PAPER WIDTH | EASY SYSTEM | EASY LOAD | TERFACES | FEATURES

SPECIFICATION FOR THE SRP-370 THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal
	PRINT SPEED	200mm / sec (61.7 LPS)
	PAPER SUPPLY METHOD	Easy Paper Loading
	RESOLUTION	SRP-370 : 180 dpi (7dot / mm) SRP-372 : 203dpi (8dot / mm)
	CHARACTER SET	Alphanumeric Character : 96
		Extended Graphic : 128 x 17 page (1space page)
		International Character : 32
	CHARACTER SIZE	Font A : 12 x 24 Font B: 9 x 24
	CHARACTER PER LINE	**SPR 370** Font A : 42 Font + B : 56
		SPR 372 Font A : 48 Font + B : 64
	PAPER TYPE	Mono & 2 color thermal paper (Blue & Black, Red & Black)
PAPER ROLL	WIDTH	57.5mm ± 0.5mm, 79.5mm ± 0.5 mm, 82.5 mm ± 0.5 mm
	DIAMETER	Max Ø 105.0mm
RELIABILITY	MCBF	70,000,000 Lines
	AUTO CUTTER	1.5 million cuts
	TPH	150Km
BARCODES		1D: EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E / 2D(Default) : PDF417, QR Code
EMULATION		ESC / POS, Citizen, Star
FLASH MEMORY		16 Mbit
DATA BUFFER		64 KByte
DRIVER		Windows 95 / 98 / Me / 2000 / NT / XP / 2003 server, USB, OPOS
SENSOR	2 OPTIONAL	Paper Near End Sensor, Paper End Sensor
DRAWER PORT		2 ports
CONNECTIVITY	INTERFACE	RS-232C, IEEE1284, USB, USB + Serial, Ethernet (10 / 100 Base - T), Bluetooth
OPTIONS	LANGUAGE	Buyer language support
	WALL MOUNT	RWM - 370
	COLOR	Ivory, Dark gray
POWER	SUPPLY	AC120V ~ 230V ± 10% (Include), DC24V, 2.3A
DIMENSION		146(W) x 204(L) x 160(H) mm
AUTO CUTTER	TYPE	Guillotine

SRP-350

Thermal Printer

Look no further for thermal printing on 80mm wide paper, the SRP-350 is all you need. Not only for the retail environment but also for medical, warehouse, manufacturing, mail order etc.. Benefiting from Windows and OPOS drivers this great printer is easy to integrate to any system.

Fast speed and reliability you can expect from a leading manufacturer.

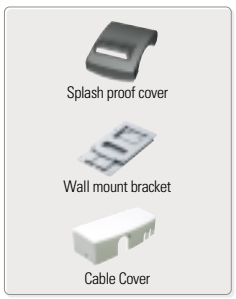
Providing simplicity for the operator with "drop in and print" paper loading and ease of connectivity for the technician with interchangeable interfaces and industry standard drivers. The modern design and small footprint enhance any environment.

- High-end thermal print technology : Quiet printing for a convenient atmosphere in the cash zone. Printer can also be used in high-class shops; avoids disturbing the staff and the customers at POS environment
- High printing speed : The SRP-350 prints at speeds of up to 150mm per second
- Easy system integration : Drives are available for Windows 95/98/ME/NT4.0/XP/2003 server and OPOS
- A simple drop-in loading system means that even inexperienced operators can load paper rolls with the minimum of efforts
- Convenient software program : Logo/firmware download program helps you use logo efficiently and easily
- Various interface cards : The SRP-350 features modular interface, RC-232C, RS-485, Parallel, USB, Ethernet(10/100 Base T), Bluetooth interfaces simply by ordering a new module.
- Easy paper jam clearance
- Barcode printing

Easy Paper Loading

Small space for installation

Attractive Features



SPECIFICATION FOR THE SRP-350 THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal
	PRINT SPEED	150mm / sec (47.2 LPS)
	PAPER SUPPLY METHOD	Easy Paper Loading
	RESOLUTION	180 dpi (7dot / mm)
	CHARACTER SET	Alphanumeric Character : 96
		Extended Graphic : 128 x 7 page (1space page)
		International Character : 32
	CHARACTER SIZE	Font A : 12 x 24 Font B : 9 x 17
	CHARACTER PER LINE	Font A : 42 Font B : 56
	PAPER TYPE	Thermal paper
PAPER ROLL	WIDTH	79.5 mm ± 0.5mm
	DIAMETER	Max. Ø 83.0mm
RELIABILITY	MCBF	37,000,000 Lines
	AUTO CUTTER	1.5 million cuts
	TPH	100Km
BARCODES		1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E
		2D : PDF417, QR Code
EMULATION		ESC / POS
FLASH MEMORY		16 Mbit
DRIVER		Windows 95 / 98 / Me / 2000 / NT / XP / 2003 server, OPOS
SENSOR	2 OPTIONAL	Paper Near End Sensor, Paper End Sensor
DRAWER PORT		2 ports
CONNECTIVITY	INTERFACE	RS - 232C, IEEE1284, USB, USB + Serial, RS - 485, Ethernet(10 / 100 Base - T), Bluetooth
OPTIONS	LANGUAGE	Buyer language support
	WALL MOUNT	RWM - 350
	COLOR	Ivory, Dark gray
POWER	SUPPLY	AC120 V ~ 230 V ± 10% (Include), DC24V, 2.3A
DIMENSION		145(W) x 195(L) x 146(H) mm
AUTO CUTTER	TYPE	Guillotine

STP-131

Thermal Printer

BIXOLON STP-131 offers cost-effective efficiency in thermal receipt printing.

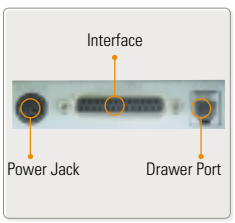
This high speed, low cost direct thermal printer offers many of the features found in more expensive printers including near end , end of paper sensing, full graphics, and barcode printing support. The STP-131 accommodates Serial & Parallel interfaces in one board and has versatile download functions for logos, firmware and fonts.

- A BIXOLON product : The performance of a strong partner, wide experience and support, compatibility to all the other peripherals
- Fast printing speed : The STP-131 prints at speeds of up to 75mm per second
- Drives are available for Windows 95 / 98 / ME / NT4.0 / XP / 2003 server and OPOS
- Full and partial Cut
- Compact foot printer
- Barcode printing
- High reliability : Auto cutter 1.5million cuts
- Buyer language Support

Neat Indicator

Auto paper loading

Serial + Parallel Convertible Board



BAR CODE | COMPACT | EASY LOAD | BIXOLON LOGO DOWN LOAD | LOW NOISE | AUTO CUTTER | PRINTING SPEED | MCBF

SPECIFICATION FOR THE SRP-103 THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal
	PRINT SPEED	75mm / sec (11.8 LPS)
	RESOLUTION	180dpi (7dot / mm)
	PAPER SUPPLY METHOD	Auto Paper Loding
	CHARACTER SIZE	Font A : 12 x 24 Font B : 9 x 24
	CHARACTER PER LINE	Font A : 42 Font B : 56
	CHARACTER SETS	Alphanumeric Character : 95
		Extended Graphic : 128 x 7 Page (1 space page)
		International Character : 32
	EMULATION	ESC / POS
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP2003 server, OPOS
	SENSOR	Paper near end sensor, Paper end sensor
	PAPER TYPE	Thermal Paper
PAPER ROLL	WIDTH	79.5 ± 0.5mm
	DIAMETER	Max. Ø 83.0mm
BARCODES		EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A
RELIABILITY	MCBF	30,000,000 Lines
	AUTO CUTTER	1.5 million Cuts
	TPH	100km
CONNECTIVITY	INTERFACE	RS-232C, IEEE-1284
POWER	SUPPLY	AC120 ~ 230V ± 10% (include) DC 24V, 2.3A
DIMENSION		150(W) x 205(L) x 132(H) mm
OPTIONS	AUTO CUTTER	Guillotione
	COLOR	Ivory, Dark Gray
	LANGUAGE	Buyer Language Support

STP-103/103DK

Thermal Printer

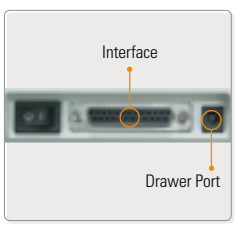
With its speed, quality and value, the BIXOLON Samsung STP-103 thermal receipt printer is clearly first in its class. This user-friendly design incorporates a small footprint ,drop and print, and can print at a speed of 50mm per second. Its ability to produce large clear print on 58mm wide paper is found on no other compact printer.

- Speeds of up to 50mm per second with high resolution of 203 dpi
- Drives are available for Windows 95 / 98 / ME / NT4.0 / XP / 2003 server and OPOS
- Available Cash drawer port with Buzzer
- Compact foot printer (2 inch Thermal printer)
- Barcode and graphic printing
- Small size and light weight
- RS-232 and Parallel interface
- 15KB Buffer
- Baud rate up to 115,200 bps
- Support international character set
- Columns setting (24,32, 42)

STP-103DK
¡ Cash Drawer Port , Buzzer ¡ –

Easy Paper Loading

Convertible Board



BAR CODE | COMPACT | EASY LOAD | BIXOLON LOGO DOWN LOAD | LOW NOISE | MCBF | MANUAL CUT

SPECIFICATION FOR THE SRP-103 / 103DK THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal
	PRINT SPEED	50mm / sec (11.8 LPS)
	RESOLUTION	203 DPI (8dot / mm)
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTER SIZE	Font A : 12 x 24 Font B : 9 x 24
	CHARACTER PER LINE	Font A : 32 Font B : 42
	CHARACTER SETS	Alphanumeric Character : 95
		Extended Graphic : 128 x 7 Page (1 space page)
		International Character : 32
	EMULATION	ESC / POS
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server, OPOS
	SENSOR	Paper near end sensor, Paper end sensor
	PAPER TYPE	Thermal Paper
PAPER ROLL	WIDTH	58 ± 0.5mm
	DIAMETER	Max.§j60.0mm
BARCODES		EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC-A
RELIABILITY	MCBF	30,000,000 Lines
	TPH	100km
CONNECTIVITY	INTERFACE	RS - 232C, IEEE - 1284
POWER	SUPPLY	AC120 ~ 230V ± 10% (include) DC 24V, 1.5A
DIMENSION		100(W) x 191(L) x 90(H) mm
OPTIONS	CUTTER TYPE	Manual Cutter
	COLOR	Ivory, Dark Gray
	LANGUAGE	Buyer Language Support
	DRAWER PORT	STP - 103DK

new

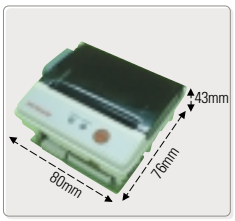
BPP-100

Panel Thermal Printer

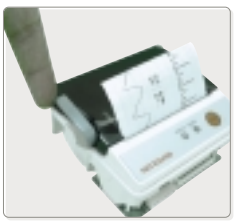
BIXOLON provides the panel printer BPP-100, 2" paper width bucket mechanism in 5 volt, with the smallest easy loading printing solution
With its speed, quality and cost-effective efficiency, the BIXOLON Samsung BPP-100 is clearly an ideal product.
This user-friendly design incorporates a very compact size, drop and print, and can print at a speed of 65mm per second.

- Compact Size
- Soft Cover Open Method
- Very silent printing through direct thermal printing method
- Easy Paper Loading
- Simple structural design for parting and sticking
- Support text and graphic printing including three types of Korean
- High Resolution(203dpi : 8dots/mm)
- Low noisy with High speed (65mm/sec)
- Easier maintenance

Dimension (Compact size)



Soft Cover open



Fast and precise measurements printing

Just some of applications

- Medical Analyzer
- Geological Analyzer
- Receipt
- Taxi meters
- Industrial Instrument
- Chemical Analyzer
- Coupon
- Portable Printers and terminals
- Recorder
- Metallic Analyzer
- Ticket
- Bar-Code etc...

SEPCIFICATION FOR THE BPP-100 PANEL THERMAL PRINTER		
PRINT	PRINT METHOD	Direct Thermal Printing
	WIDTH	2-inch (48mm, 384dots)
	PRINT SPEED	65mm / sec
	RESOLUTION	203 DPI (8dot / mm)
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTER SIZES	Korean : 18 X 24, 24 X 24
		English : 9 X 24, 12 X 24
	CHARACTER PER LINE	42cpl (9 X 24 ASCII)
	EMULATION	ESC / POS
	SENSORS	Paper end sensor
	PAPER TYPE	Thermal Paper
PAPER ROLL	WIDTH	58mm
	DIAMETER	Max.§j40
BARCODES		EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A
RELIABILITY	MCBF	50 Km
CONNECTIVITY	INTERFACE	RC - 232C, IEEE - 1284
INPUT POWER	LOGIC	5 VDC
	MECHA	7.5 VDC
DIMENSION		80(W) X 76(L), 43(H)mm
OPTIONS	CUTTER TYPE	Manual Cutter
	LANGUAGE	Korean, English

BIXOLON Impact Printers

BIXOLON Samsung impact printers offer all the easy-to-use features important to the retail, hospitality and banking industries and feature BIXOLON's renowned quality and reliability.
The demand for Impact printers has remained somewhat steady in the face of the growing popularity of thermal printers.
Besides costing less to operate, Impact printers offer some features that are not available with thermal printers.
BIXOLON offers a wide variety of dot matrix printers to fit nearly any application.

Ideal Interface Cards for Complex Kitchen Area

Ethernet Interface card

Ethernet infrastructure is more than just a way for computers to communicate with each other. Designed to increase printing speed and flexibility, the BIXOLON Ethernet Interface Card (T10/T100) provides a cost-effective solution to establish communications between host systems and your printers.

- Ethernet Local Area Networks can have expansive coverage areas with inexpensive cabling
- Auto detectable 10 / 100 base T (All in one)
- Uses standard TCP / IP protocol
- Easy installation and configuration
- Offers wide range of interface and configuration options
- Faster Communication (Up to 100 Mbps data transfer)
- Superior reliability and lower maintenance costs

Bluetooth Interface card

The BIXOLON Bluetooth module allows the installation of remote printers where difficulties in laying cables prevent the ideal system solution. Simply attaching the Bluetooth modules to the POS terminal and printers provides wireless communication with up to seven printers. There is no limit to the number of cash registers or terminals in the system.
RIF-BT10 / Master Bluetooth module connects to a serial port or USB port on a cash register, PC based EPOS terminal or Bluetooth enabled PDA. The RIF-BT10F / Slave plugs into the BIXOLON printers.

- Cable free installation
- USB & Serial port connectivity
- Communicate over distances up to 325 feet
- Network support for up to seven printers
- Supporting mobile devices like PDA
- Supported OS : Windows 98SE / ME / 2000 / XP / 2003 server

new

SRP-275

2nd generation Impact Printer

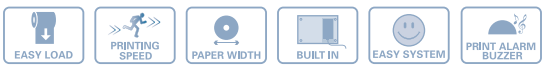
Ivory Dark Gray

The SRP-275 is 2nd generation Impact printer which sets you free from embarrassing paper jams. This printer has more functions such as two-color printing and versatile paper roll sizes and boasts about fast speed and less printing noise. It's really successful series from the SRP-270. Also the SRP-275 is ideal for both POS receipt printing and remote hospitality printing. It is a robust, high performance impact receipt printer which is exceptionally easy to use. Featuring drop-in paper loading, selectable auto-cutter and clamshell covers for easy access and maintenance, the SRP-275 is very reliable and prints on plain paper in three widths.

SRP-275 A (Tear-bar Type)

SRP-275 C (Auto Cutter Type)

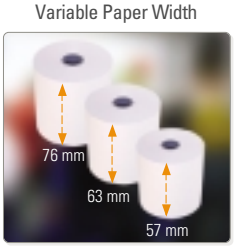
- Drop in and print paper loading : Lift the lid, drop in the roll, close the lid and print. Nothing could be easier. No more feeding rolls through slots or rollers
- Faster and quieter : Logic seeking, bi-directional print technology allows higher speed than previous models with much less noise
- Various paper width : The SRP-275 can easily be made to take different width paper roll sizes saving paper costs. The full width 76mm roll is standard and 69mm or 57mm can be chosen optionally.
- Built-in power supply
- Easy download program : Logo / firmware download program helps you use logo efficiently and easily
- Convenient printer setting program : Virtual Memory Switch Manager (VMSM) helps you to select the printer setting and default language change
- Print alarm buzzer : The SRP-275 is fitted with a print alarm buzzer as standard equipment for noisy places.



Easy Paper Loading

Built-in Power Supply

Variable Paper Width



SPECIFICATION FOR THE SRP-275 IMPACT PRINTER

PRINT	PRINT METHOD	9 pin serial impact dot matrix
	PRINT DIRECTION	Bi-directional, Logic seeking, Friction feed
	PRINT SPEED	5.1 lines per second at 40 column
	PAPER SUPPLY METHOD	Drop in and print
	DOT PITCH	0.352mm (1 / 72")
	DOT WIRE DIAMETER	0.3mm (0.01")
	CHARACTERS PER LINE	Font A : 33 Font B : 40
	PRINTING WIDTH	63.34mm (2.49")
	LINE SPACING	4.233mm (1 / 6 inch), Can be set by a command
	CHARACTER FONT	Font A : 9 x 9 Font B : 7 x 9
	CHARACTER SETS	Alphanumeric characters : 95, international
		characters : 48, Extended graphics : 128 x 20 pages
	MEMORY	Print buffer : 8 Kbytes, NV image : 256 Kbytes
	CONTROL CODE EMULATION	ESC / POS, Star, Citizen.
	SOFTWARE	Utilities : Firmware / NV image download, Virtual memory switchmanager
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server, OPOS
	SENSORS	Paper end, paper near end, wall mounting paper near end, cover open
	BUZZER	Buzzer alarm
PAPER ROLL	WIDTH	76, 69, 57 ± 0.5mm, 2.99", 2.74", 2.26" ± (0.22")
	THICKNESS	0.06 - 0.09mm (0.002 - 0.003")
	DIAMETER	83mm (3.27") - Core Max.19mm
RIBBON	TYPE	RRC-201 B/R (black / red), RRC-201 B (black), RRC-201 P (purple)
RELIABILITY	MCBF	10 million lines
	AUTO CUTTER	1.5 million cuts
CONNECTIVITY	INTERFACE	Serial, Parallel, USB, Ethernet(10 / 100 Base-t), bluetooth
	DKD FUNCTION	2 ports
	EMC / SAFETY STANDARD	CE, FCC, UL, TUV, GS
POWER	SUPPLY	AC100V~240V ± 10%, DC24V, 1.5A Internal / External installation
OPTIONS	PAPER CUTTER	SRP-275A (tear bar), SRP-275C (auto cutter)
	COLOR	Ivory, Dark Gray
	WALL MOUNT	Wall mount bracket
	LANGUAGE	Buyer language support

SRP-270

Impact Printer

The SRP-270 is an ideal impact printer with excellent build quality, suitable for all printing requirements. BIXOLON Samsung SRP-270 provides high reliability and convenience for users.

Worldly famous name and low maintenance cost, the SRP-270 is a solid product desirable for any business.
With the considerable decrease in operation cost, SRP-270 is an appealing solution to any store managers.
The SRP-270 is a versatile product providing high compatibility with any OS environments.

SRP-270 A (Tear-bar) | SRP-270 C (Auto-cutter) | SRP-270 D (Auto-cutter & take-up spool)

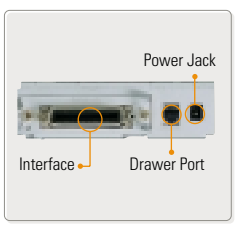
- Faster print speed : The SRP-270 prints at speeds of up to 4.6 lines per second
- High operational reliability : The market proven quality by world installation provides you option of an auto cutter and take up, and the ability to print one original plus two copies.
- Various interface cards with RS-232C, RS-485, Parallel, USB, Ethernet (10 / 100 Base T) and Bluetooth
- Trustworthy reliability (1.8million lines)
- Easy system integration : Drivers are available for Windows 95 / 98 / ME / NT4.0 / XP / 2003 server and OPOS

PRINTING SPEED | EASY SYSTEM | MULTI COPY | INTERFACE | A|C|D 3 MODELS

Auto paper loading

Ribbon Cassette

Rear Side



SPECIFICATION FOR THE SRP-270 IMPACT PRINTER		
PRINT	PRINT METHOD	9 pin serial impact dot matrix
	PRINT SPEED	4.6 lines per second at 40 column
	PAPER SUPPLY METHOD	Auto Paper Loading
	CHARACTERS PER LINE	Font A : 33 Font B : 40
	PRINTING WIDTH	63.34mm (2.49")
	CHARACTER FONT	Font A : 9 x 9 / Font B : 7 x 9
	CHARACTER SETS	Alphanumeric characters : 95
		Extended Graphics : 128 x 7 Page (1 space page)
		International Character : 32
	CONTROL CODE EMULATION	ESC / POS
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server, OPOS
	SENSORS	Paper end sensor
PAPER ROLL	WIDTH	76 ± 0.5mm
	PAPER TYPE	Plain Paper
	DIAMETER	Max.§j83.0mm
RIBBON	TYPE	RRC-201 B / R (black / red), RRC-201 B (black), RRC 201 P (purple)
RELIABILITY	MCBF	18 million lines
	AUTO CUTTER	1 million cuts
	INTERFACE	Serial, Parallel, USB, Ethernet(10 / 100 Base-t), Bluetooth
CONNECTIVITY	DKD FUNCTION	Maximum 2 cash drawers
POWER	SUPPLY	AC120V ~ 230V ± 10%, DC24V, 1A
DIMENSION(W x L x H)	SRP-270A	160mm X 247mm X 130mm
	SRP-270C	160mm X 247mm X 149mm
	SRP-270D	160mm X 294mm X 159mm
OPTIONS	PAPER CUTTER	SRP - 270A (tear bar), SRP - 270C (auto cutter)
		SRP - 270D (Cutter & take-up spool)
	COLOR	Ivory, Dark Gray
	LANGUAGE	Buyer Language Support : (Including Chinese, Thai, Arabic, Turkey)

SRP-500

Inkjet Printer

Ivory Dark Gray

Enhances any Epos system. Makes the most of color and graphics.
Aimed at Specialty retail, department stores, restaurants, fast food and bars, convenience stores, laundry systems and anywhere where a permanent printed record is required.

Inkjet printer technology set to revolutionize receipt printing. Combining the manufacturing skills and experience of Samsung and inkjet cartridge expertise of Hewlett Packard to produce a printer that provides lower cost of ownership than thermal receipt printers with the advantage of two color print.

- Fast print speed of 13 LPS
- Choice of four color options - black, red, green and blue - and the exclusive ability to print in any combination of two.
- Easy to integrate. Major emulations readily available.
- Drop - in replacement for leading impact receipt printers.
- Print two - color graphics, logos, even coupons with high resolution
- No degradation of printing quality as with ribbons
- No smearing or ink transfer
- Permanent printing

Just some of applications

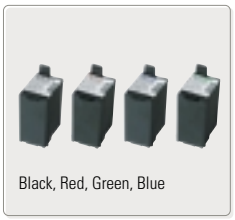
- **POS**
  Customer Receipts
  End of Day Report
- **Warehouse**
  Barcode Labels
  Address Labels
  Reports
- **Restaurant**
  Guest Checks
  Kitchen
- **Data Terminals**
  Service Reports
  Data Loggers

2 COLOR | PRINTING SPEED | EASY LOAD | BIXOLON LOGO DOWN LOAD | LOW NOISE | COMPACT | CASHDRAWER DRIVER | MCBF

Colorful Promotion

Easy Ink replacement

Ink Cartridge



Black, Red, Green, Blue

SPECIFICATION FOR THE SRP-500 INKJET PRINTER		
PRINT	PRINT METHOD	Color Inkjet
	PRINT SPEED	13 LPS (at 12 column)
	RESOLUTION	104 / 208 DPI
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTERS PER LINE	Font A : 32, Font B : 43
	CHARACTER FONT	Font A : 12 x 14, Font B : 12 x 12
	CHARACTER SETS	Alphanumeric characters : 95
		Extended Graphics : 128 x 12 Page
		International Character : 32
	EMULATION	ESC/POS, IDP3541
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server, OPOS
	SENSORS	Paper near end, Low ink indicator, No cartridge indicator, Front / Rear cover open
PAPER ROLL	WIDTH	76 ± 0.5mm
	PAPER TYPE	Plain Paper
	DIAMETER	Max.∅ 83.0mm
BARCODES		EAN - 13, EAN - 8, Code39, Code128, ITF, Coda bar, UPC - A, UPC - E
RELIABILITY	MCBF	18,000,000 lines
	AUTO CUTTER	1.5 million cuts
CONNECTIVITY	INTERFACE	Serial, Parallel, USB, Ethernet (10 / 100 Base-t), Bluetooth
	DRAWER PORT	2 ports
POWER	SUPPLY	AC 96 ~ 264V (Include), DC 24V, 2.5A
OPTIONS	AUTO CUTTER TYPE	Rotary
	COLOR	Ivory, Dark Gray
	LANGUAGE	Buyer Language Support

SRP-770II

Thermal Label Printer

The BIXOLON Samsung SRP-770II direct thermal label printer provides top quality label printing for any application. With a printing speed of 5 inches per second the SRP-770II will keep pace with demand.

High print definition ensures excellent read quality, even with the smallest text and the latest bar codes. Samlabel 'FREE' Professional Label Creation Software for PC.

SRP-770II Type SRP-770II C Type

- Print speed 127mm/sec.
- Label width 35mm (1.5") to 112mm (4.4")
- Most bar code types available
  - 1D type(10 kinds) 2D type (2 kinds)
- Versatile fonts supported
- Logo printing (BMP, PCX file)
- Template supported
- Three different types, Tear-bar type, Auto-Cutter type, Linerless type
- Powerful label design program (SAMLABEL, Max, Pro versions)

Just some of applications

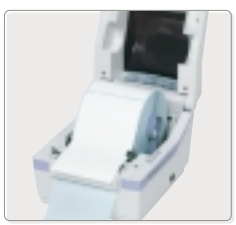
Retail Logistics | Medical Quality control | Manufacturing Security | Warehousing Pre-packing

BAR CODE | LABEL | EASY LOAD | PAPER WIDTH | LOW NOISE | AUTO CUTTER | PRINTING SPEED | MCBF

External Ethernet Interface

Easy Paper Loading

Peel off



SPECIFICATION FOR THE SRP-770II LABEL PRINTER		
PRINT	PRINT METHOD	Direct Thermal
	PRINT SPEED	127mm / sec (5.1 IPS)
	RESOLUTION	203 DPI (8dot / mm)
	PAPER SUPPLY METHOD	Easy Paper Loading
	CHARACTER SETS	7 resident bitmap fonts, 7 code page
		Expandable up to 4X, soft storage BMP,
		PCX graphic supported
	EMULATION	SLCS / EPL II, ZPLII, ESC-POS
	DRIVERS	Windows 95 / 98 / ME / 2000 / NT4.0 / XP / 2003 server
	SENSORS	Gap, Black mark, Notch Sensor
PAPER	PAPER TYPE	Label, Tag, Continuous, Fan - fold
	WIDTH	1.5" (38.1mm) ~ 4.2" (106.0mm), 2.0" (50.8mm) ~ 4.4" (112.00)
	DIAMETER	I.D. 1" (25.4mm) ~ 1.5"(38.1mm), O.D. 5.1" (130.0mm)
	PAPER LENGTH	0.6" (15.2mm) ~ 12" (304.8mm)
	THICKNESS	0.06~0.18mm
BARCODES		EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E, PDF417, Maxicode
RELIABILITY	MCBF	20,000,000 Lines
	AUTO CUTTER	1 million cuts
	TPH	50km
CONNECTIVITY	INTERFACE	Serial, Parallel, USB (All standard), Ethernet
POWER	SUPPLY	AC 100 ~ 240 V ± 10% (Include), DC 24V, 3.75A
OPTIONS	AUTO CUTTER	Guillotine
	LANGUAGE	Buyer Language Support

new

BCD-1000

Customer Display

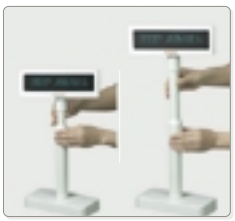
Ivory Dark Gray

BIXOLON's BCD-1000 is a slim customer display that provides your customers clear, easy-to-read information at the fastest data-transfer rate available.
The easy-to-use VFD display makes at attractive communication with customers by its fascinating design and rich colors.

The BCD-1000 is a 2 x 20 line 5mm character height display that comes with much functionality that simply is not found in other vendors ¡ f customer displays. User-definable characters, and a built-in real time clock are all standard features of the unit's firmware.
The BCD-1000 comes with variety of interfaces, can emulate many popular command sets, and has better visibility due to an optically matched lens and wider character pitch. Best of all, this premium pole display is also one of the most affordable on the market.

- Selective pole length : The BCD - 1000 has a special function to control the pole length as you want
- Clear, easy-to-read 20 Characters ¡ ¿2 Lines Dot Matrix, Comma, Decimal Point, Annunciator
- Automatic message scrolling
- Adjustable viewing angles
- Bright blue and green vacuum fluorescent display
- Easily programmable for customer messages
- Available in BIXOLON Ivory and BIXOLON Dark Gray

Selective pole length



Stand alone type

BIXOLON POS solution with BCD-1000 and printers

SEPCIFICATION FOR THE BCD-1000 BIXOLON CUSTOMER DISPLAY		
GENERAL	DISPLAY METHOD / COLOR	VFD (Vacuum Fluorescent Display) / Blue, Green (505mm)
	NUMBER OF CHARACTERS	40(20 Characters ¡ ¿2 Lines)
	BRIGHTNESS	800 ~ 1,000 cd / m2
	CHARACTER FONT	5 ¡ ¿7 dot matrix, comma, decimal point, annunciator
	CHARACTER TYPE	Alphanumeric : 95, International Character: 37,
		Graphic Character 128 ¡ ¿12 pages
	CHARACTER SIZE / PITCH	5.5 ¡ ¿10.5mm / 7.4mm
	DOWNLOAD CHARACTERS	95 characters
	VIEWING ANGLE	52°(5 Positions)
	HORIZONTAL ROTATION	Max. 336°
	CASE COLOR	BIXOLON Ivory, BIXOLON Dark Gray
	OVER ALL DIMENSIONS(mm)	217(W) ¡ ¿102(D) ¡ ¿374(H)
		219(W) ¡ ¿48.5(D) ¡ ¿80(H)(VFD block)
	EMULATION	Epson ESC / POS, ADM787 / 788, DSP800, AEDEX, UTC Standard,
		UTC Enhance, CD5220, NCR Real POS, PD6000, ICD2002
INTERFACE		RS232C (+ 5vdc all in one Cable)
RELIABILITY	MCBF	20,000 hours
POWER	CONSUMPTION	5.0 ~ 24 vdc / Max.10W
OPTION	FACTORY OPTION	USB Interface
		Sub PCB A type
SAFETY	EMC	VCCI Class A, FCC Class A, CE Marking
	SAFTEY STANDARDS	UL, CSA, TÜV

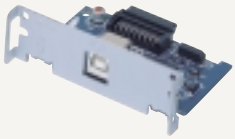
OPTION

Interface

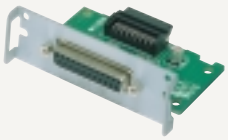
BLXOLON Samsung printers feature a wide and versatile range of interface including ethernet and Bluetooth. Besides satisfying customer needs, these enable easy upgrading in the future, an important consideration for growing business.

IFA-S Type RS-232C
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-372

IFA-P Type IEEE-1284
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-372



IFA-U Type USB 1.0, USB 2.0
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-372



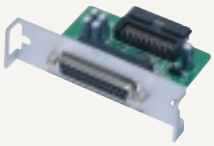
IFA-SF Type RS-485
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-372

IFA-E Type 10/100 BASE T
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-372

IFA-SU Type USB + Serial
SRP-350, SRP-350plus,
SRP-370, SRP-372, SRP-270

RIF-BTM10 Bluetooth
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-275, SRP-372

RIF-BTS10 Bluetooth
SRP-270, SRP-350, SRP-350plus
SRP-370, SRP-275, SRP-372



IFC-S Type RS-232C
SRP-500, SRP-275

IFC-P Type
IEEE-1284
SRP-500, SRP-275

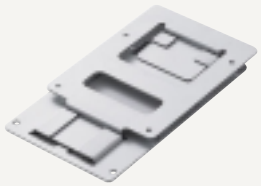
IFC-U Type
USB 1.0
SRP-500, SRP-275

IFC-E Type
10/100 BASE T
SRP-500, SRP-275

IFA-PW Type
Powered USB
SRP-350, SRP-350plus, SRP-370,
SRP-270, SRP-275

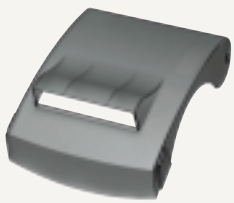
Wall mount

RWM-350 SRP-350, SRP-350plus
RWM-370 SRP-370, SRP-372
RWM-275 SRP-275



Splash cover

RSC-350 SRP-350, SRP-350plus
RSC-370 SRP-370, SRP-372
RSC-275 SRP-275

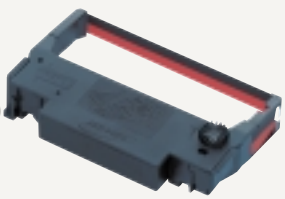


Buzzer

RBC-100
SRP-270, SRP-275, SRP-350,
SRP-350plus, SRP-370/327, SRP-500

Ink ribbon

RRC-201B(Black)
RRC-201B/R(Black & Red)
RRC-201P(Purple)
SRP-270, SRP-275



Ink cartridge

RIC-500B/R/C/G
SRP-500
HP Inkjet Cartridges (C6602x)

PRINTER SET

		SRP-350plus Thermal Receipt Printer	SRP-350plusF Thermal Fiscal Printer	SRP-370/372 Thermal Receipt Printer	SRP-350 Thermal Printer
		Designed specifically for high-volume retail and hospitality environments, the SRP-350plus delivers more speed and more reliability than ever before. It offers 200mm/sec printing speed of text and graphics, two-color capability and new ease-of-use features.	BIXOLON has newly released a thermal fiscal printer SRP-350plus F. With its 1 station, electronic journal thermal fiscal printer, BIXOLON provides high-speed printing of receipts and journals. The specialist for fiscal POS solutions reaches speeds of 200mm per second when printing both receipts and journals.	BIXOLON Samsung Mini Printers keep at the forefront of technology and commitment to reliability with new model. The SRP-370 two color fast print speed thermal printer is ideal for retail and hospitality applications and allows you to print receipt with company logos and barcodes plus add coupons.	With speed, quality and value, the samsung SRP-350 thermal receipt printer is clearly first in it's class. It easily with stands the rigors of tough enviroment, printing receipts, coupons, logos or bar codes.
PRINT	PRINTING METHOD	Direct Thermal	Direct Thermal	Direct Thermal	Direct Thermal
	PRINTING SPEED	200mm / sec	200mm / sec	200mm / sec (61.7 LPS)	150mm / sec (46.2LPS)
	RESOLUTION (dpi)	180 dpi (7dot / mm)	180 dpi (7dot / mm)	SRP-370:180 dpi (7dot / mm) , SRP-372:203 dpi (8dot / mm)	180 dpi (7 dot / mm)
	CHARACTER SIZE	Font A : 12 x 24 Font B: 9 x 24	Font A : 12 x 24 Font B: 9 x 24	Font A : 12 x 24 Font B: 9 x 24	FontA : 12 x 24 FontB : 9 x 17
	CHARACTER PER LINE	FontA : 42 FontB : 56	FontA : 42 FontB : 56	Font A : 42, 48(372) Font B : 56, 64(372)	FontA : 42 FontB : 56
PAPER SPECIFICATION	PAPER TYPE	Thermal Paper	Thermal Paper	Mono & 2 color thermal paper	Thermal Paper
	PAPER WIDTH	79.5mm ± 0.5mm	79.5mm ± 0.5mm	57.5 ± 0.5mm, 79.5 ± 05.mm, 82.5 ± 05.mm	79.5 ± 0.5mm
	PAPER ROLL DIAMETER	Max.§j83.0mm	Max.§j83.0mm	Max.§j105.0mm	Max.§j83.0mm
PAPER SUPPLY METHOD		Easy paper loading	Easy paper loading	Easy Paper Loading	Easy paper loading
RELIABILITY	MCBF	37,000,000 Lines	37,000,000 Lines	70,000,000 Lines	37,000,000 Lines
	TPH LINE	150km	150km	150Km	150km
CHARACTER SET		Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32	Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32	Alphanumeric Character : 96 Extended Graphic : 128 x 17 page (1space page) International Character : 32	Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32
BARCODES		1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E 2D : PDF417, QR Code	1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E 2D : PDF417, QR Code	1D : EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E 2D : PDF417, QR Code	1D : EAN - 13, EAN - 8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC - A, UPC - E 2D : PDF417, QR Code
EMULATION		ESC / POS	ESC / POS	ESC / POS, Citizen, Star	ESC / POS
FLASH MEMORY		8 Mbit	8 Mbit	16 Mbit	8 Mbit
DRIVER		Win 95/98/Me/2000/NT/XP /2003 server, OPOS	Win 95/98/Me/2000/NT/XP /2003 server, OPOS	Win 95/98/Me/2000/NT/XP /2003 server, OPOS	Win 95/98/Me/2000/NT/XP /2003 server, OPOS
SENSOR		Paper near end sensor / end sensor	Paper near end sensor / end sensor	Paper Near End Sensor, Paper End Sensor	Paper near end sensor / end sensor
DRAWER PORT		2 ports	2 ports	2 ports	2 ports
INTERFACE		RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth	RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth	RS-232C, IEEE1284, USB, Ethernet, Bluetooth	RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth
OPTION	WALL MOUNT	RWM-350	RWM-350	RWM-370	RWM-350
	LANGUAGE	Buyer Language Support	Buyer Language Support	Buyer Language Support	Buyer Language Support
POWER SUPPLY(ADAPTER)		AC 120 ~ 230V ± 10% (include), DC 24V, 2.3A	AC 120 ~ 230V ± 10% (include), DC 24V, 2.3A	AC 120V~230V ± 10% (Include), DC 24V, 2.3A	AC 120 ~ 230V ± 10% (include), DC 24V, 2.3A
DIMENSIONS	W X L X H (mm)	145 x 195 x 146	145 x 195 x 177	146 x 204 x 160	145 x 195 x 146
OPERATING TEMP.		0 ~ 45°C	0 ~ 45°C	0 ~ 45°C	0 ~ 45°C
AUTO CUTTER	TYPE	Guillotine	Guillotine	Guillotine	Guillotine
	RELIABILITY	1,500,000 cuts	1,500,000 cuts	1,500,000 cuts	1,500,000 cuts

PRINTER SET

		STP-131 Thermal Printer	STP-103/103DK Thermal Printer	BPP-100 Panel Thermal Printer	SRP-275 2nd generation Impact Printer
		Accomodation of Serial & Parallel in one board and versatile download fuction such as logo, firmware and font.	With speed,quality and value, the BIXOLON Samsung STP-103 thermal receipt printer is clearly first in it's class. The user-friendly design in corporates a small footprint, drop and print.	With its speed, quality and cost-effective efficiency, the BIXOLON Samsung BPP-100 is clearly an ideal product. This user-friendly design incorporates a very compact size, drop and print, and can print at a speed of 65mm per second.	The SRP-275 is 2nd generation Impact printer which sets you free from embarrassing paper jams. This printer has more functions such as two-color printing and versatile paper roll sizes and boasts about fast speed and less printing noise. It's really successful series from SRP-270.
PRINT	PRINTING METHOD	Direct Thermal	Direct Thermal	Direct Thermal	9 pin serial impact dot matrix
	PRINTING SPEED	75mm / sec (17.3LPS)	50mm / sec (11.8LPS)	65mm / sec	5.1 lines per second at 40 column
	RESOLUTION (dpi)	180 dpi (7 dot / mm)	203 dpi (8 dot / mm)	203 dpi (8 dot / mm)	
	CHARACTER SIZE	FontA : 12 x 24 FontB : 9 x 24	FontA : 12 x 24 FontB : 9 x 24	Korea : 18 x 24, 24 x 24 English : 9 x 24, 12 x 24	FontA : 9 x 9 FontB : 7 x 9
	CHARACTER PER LINE	FontA : 42 FontB : 56	FontA : 32 FontB : 42	42cpl (9 x 24 ASCII)	Font A : 33 Font B:40
PAPER SPECIFICATION	PAPER TYPE	Thermal Paper	Thermal Paper	Thermal Paper	
	PAPER WIDTH	79.5 ± 0.5mm	58 ± 0.5mm	2 inch(48mm, 384 dots)	63.34mm (2.49")
	PAPER ROLL DIAMETER	Max.Ø 83.0mm	Max.Ø 60.0mm	Max.Ø 40.0mm	Max.Ø 83.0mm
PAPER SUPPLY METHOD		Auto paper loading	Easy paper loading	Easy paper loading	Drop in and print
RELIABILITY	MCBF	30,000,000 Lines	30,000,000 Lines	50km	18,000,000 Lines
	TPH LINE	100km	100km		Alphanumeric characters : 95
CHARACTER SET		Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32	Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32		Extended graphics : 128 x 20 pages international characters : 48
BARCODES		EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A	EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E	EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda bar, UPC-A	
EMULATION		ESC / POS	ESC / POS		
FLASH MEMORY		8 Mbit	8 Mbit		ESC / POS, Star, Citizen.
DRIVER		Win 95 / 98 / Me / 2000 / NT / XP / 2003 server, OPOS	Win 95 / 98 / Me / 2000 / NT / XP		Print buffer : 8 Kbytes NV image : 256 Kbytes Win 95 / 98 / Me / 2000 / NT / XP
SENSOR		Paper near end sensor / end sensor	Paper near end sensor / end sensor	Paper end sensor	/ 2003 server, OPOS Paper end, paper near end, wall mounting paper near end
DRAWER PORT		2 ports	1 port		
INTERFACE		RS-232C, IEEE-1284	RS-232C, IEEE-1284	RS-23C, IEEE-1284	2 ports Serial, Parallel, USB, Ethernet
OPTION	WALL MOUNT				RWM-275
	LANGUAGE	Buyer Language Support	Buyer Language Support	Korean, English	Buyer Language Support
POWER SUPPLY(ADAPTER)		AC 120 ~ 230V ± 10% (include), DC 24V, 2 ~ 2.3A	AC 120 ~ 230V ± 10% (include), DC 24V, 1.5A	LOGIC - 5VDC MECHA - 7.5VDC	AC 100V~240V ± 10%, DC 24V. 1.5A Internal / External installation
DIMENSIONS	W X L X H (mm)	150 x 205 x 132	100 x 191 x 90	80 x 76 x 43	A : 160 x 239 x 157 C : 160 x 239 x 157
OPERATING TEMP.		0 ~ 45°C	0 ~ 45°C	0 ~ 45°C	0 ~ 45°C
AUTO CUTTER	TYPE	Guillotine	Manual cutter	Manual cutter	Rotary
	RELIABILITY	1,500,000 cuts			1,500,000 cuts

PRINTER SET

SRP-270
2 Color Impact dot Printer

World famous receipt printer SRP-270 features the fastest printing speed, high durability. It is an ideal printer to install in any enviroment where high-volume transactions are required.

SRP-500
Color Inkjet Printer

Add a splash of color to print distinctive receipts with logos, coupons, rebates and specials. Using HP's state-of-the-art inkjet technology, the SRP-500 combines high speed and low cost of ownership.

SRP-770 II
Label Printer

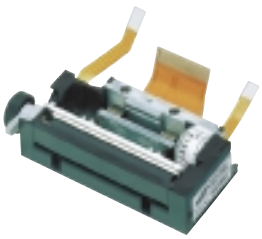
Produces direct thermal labels for retail, warehouse, shipping / receiving, medical and many other applications. USB, serial and parallel interface standard on every printer.

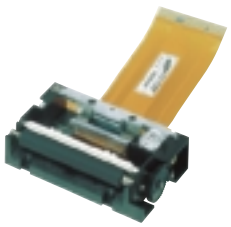
BCD-1000
Customer Display

BIXOLON's BCD-1000 is a slim customer display that provides your customers clear, easy-to-read information at the fastest data-transfer rate available. The easy-to-use VFD display makes at attractive communication with customers by its fascinating design and rich colors.

		SRP-270	SRP-500	SRP-770 II	BCD-1000
PRINT	PRINTING METHOD	9Pin Serial dot matrix	Color Inkjet	Direct Thermal	**Display Method :** VFD
	PRINTING SPEED	4.6 LPS (40 mm / sec)	13LPS (at 12 column)	127 mm / sec (5 LPS)	
	RESOLUTION (dpi)		104 / 208 dpi	203 dpi (8 dot / mm)	**Brightness :** 800 ~ 1,000 cd / ㎡
	CHARACTER SIZE	FontA : 9 x 9 FontB : 7 x 9	FontA : 12 x 14 FontB : 12 x 12	-	5.5 x 10.5mm / 7.4mm
	CHARACTER PER LINE	Font A : 33 Font B : 40	FontA : 32 FontB : 43	-	40 (20 characters x 1 Lines)
PAPER SPECIFICATION	PAPER TYPE	Plain paper	Plain paper	Labels, tag, Continuous, Fan-fold	
	PAPER WIDTH	76 ± 0.5mm	76 ± 0.5mm	1 ~ 5" (38.1mm) ~ 4.2" (106.0mm) 2.0" (50.8mm) ~ 4.4" (112.0mm)	**Character Font :** 5 x 7dot matrix, comma, decimal point, annunciator
	PAPER ROLL DIAMETER	Max. Ø 83.0mm	Max. Ø 83.0mm	Inside Dia. 1 ~ 1.5" (25.4 ~ 38.1mm) Outside Dia. Max. 5.1" (130mm)	
PAPER SUPPLY METHOD		Auto paper loading	Easy paper loading	Easy paper loading	**Download Characters :** 95 characters
RELIABILITY	MCBF	18,000,000 Lines	18,000,000 Lines	20,000,000 Lines	
	TPH LINE			50km	20,000 hours
CHARACTER SET		Alphanumeric Character : 95 Extended Graphic : 128 x 7 page (1 space page) International Character : 32	Alphanumeric Character : 95 Extended Graphic : 128 x 12 page International Character : 32	7 resident bitmap fonts, 7 code page, expandale up to 4X, soft font storage BMP, PCX graphic supported	Alphanumeric Character : 95 International Character : 37 Graphic Character : 128 x 12pages
BARCODES			EAN-13, EAN-8, Code 39, Code 93, Code 128, ITF, Coda Bar, UPC-A, UPC-E	Code 39, Code 128, Interleave 2 of 5, Coda Bar, Code 93, UPC-A, UPC-E, EAN-8, EAN-13, UCC-EAN 128, Maxicode(2D), PDF 417(2D)	**Viewing Angle :** 52° (5 positions) Horizontal Rotation : Max. 336°
EMULATION		ESC / POS	ESC / POS, IDP3541	EPL II / ZPL	ESC / POS, ADM 787 / 788, DSP800, AEDEX, UTC, Standard, UTC Enhance, CD5220, NCR Real Pos, PD 6000, ICD 2002
FLASH MEMORY			8 Mbit	8 Mbit	
DRIVER		Win 95/98/Me/2000/NT/XP /2003 server	Win 95/98/Me/2000/NT/XP /2003 server/OPOS	Win 95/98/Me/2000/NT/XP /2003 server	
SENSOR		Paper end sensor	Low ink indicator, No cartridge indicator, Paper near end sensor, Front / Rear cover open sensor	Gap, Black mark, Notch sensor	
DRAWER PORT		2 ports	2 ports		
INTERFACE		RS-232C, IEEE-1284, USB, RS-485, Ethernet, Bluetooth	RS-232C, IEEE-1284, USB, Ethernet, Bluetooth	RS-232C, IEEE-1284, USB (All standard)	RS-232C (+5vdc all in one cable)
OPTION	WALL MOUNT				**Factory option :** USB Interface
	LANGUAGE	Buyer Language Support	Buyer Language Support	Buyer Language Support	Sub PCB A Type
POWER SUPPLY(ADAPTER)		AC120 ~ 230V ± 10% (include), DC 24V, 1A	AC 96 ~ 264V (include), 2.5A	AC 100V ~ 240V ± 10% (include), DC 24V, 3.75A	5.0 ~ 24 vdc / Max. 1000
DIMENSIONS	W X L X H (mm)	Type A : 160 x 249 x 130 Type B : 160 x 249 x 149 Type C : 160 x 249 x 160	172 x 226 x 152	184 x 221 x 171	217 x 102 x 374 219 x 48.5 x 80 (VFD black)
OPERATING TEMP.		0 ~ 45°C	0 ~ 45°C	0 ~ 45°C	
AUTO CUTTER	TYPE	Guillotine	Rotary	Guillotine	
	RELIABILITY	1,500,000 cuts	1,500,000 cuts	1,000,000 cuts	

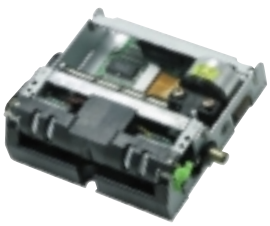
MECHANISM
Thermal Printer Mechanism

		SMP600	SMP610	SMP610H
				
		3 inch	2 inch	2 inch
PRINTING METHOD		Thermal Line Dot Printing	Thermal Line Dot Printing	Thermal Line Dot Printing
RESOLUTION (dpi)		7 dot/inch (180 dpi)	8 dot/mm (203 dpi)	8 dot/mm (203 dpi)
PRINTING WIDTH		72mm (512 dots)	48mm (384 dots)	48mm (384 dots)
PRINTING SPEED		73mm/sec (at 24DCV)	60mm/s (at 8.5 DCV)	62.5mm/sec (at 7.2 DCV)
PAPER WIDTH		79.5 ± 0.5mm	57.5 ± 0.5mm	57.5 ± 0.5mm
DOT SIZE (W X M mm)		0.141 x 0.141	0.125 x 0.125	0.125 x 0.125
POWER SUPPLY	Drive	24VDC ± 7%	5.0 ~ 8.5 DCV	3.6 ~ 7.2 DCV
	Logic	5VDC ± 5%	5 DCV ± 5%	5 DCV ± 5%
RELIABILITY	Head	5 x 10^7 pulses	5 x 10^7 Pulses	1 x 10^8 pulses
	Mechanism	10,000,000 Lines	50Km	50Km
CUTTER METHOD OF PAPER		Manual Cutter	-	with Auto cutter
		Auto Cutter (Option)		(Partial cut)
PAPER SUPPLY METHOD		Auto paper loading	Auto paper loading	Auto paper loading
DIMENSIONS (W X L X H mm)		110.1 x 69.7 x 43	80.5 x 34.5 x 17.5	73.8 x 42 x 20

		SMP620	SMP640	SMP650
				
		2 inch	2 inch, Mobile Type	2 inch, Compact size
PRINTING METHOD		Thermal Line Dot Printing	Thermal Line Dot Printing	Thermal Line Dot Printing
RESOLUTION (dpi)		8 dot/mm (203 dpi)	8 dot/mm (203 dpi)	8 dot / mm (203 dpi)
PRINTING WIDTH		48mm (384 dots)	48mm (384 dots)	48mm (384 dots)
PRINTING SPEED		65mm/sec (at 7.2 DCV)	70mm/sec (at 7.2 DCV)	65mm / sec (at 7.2 DCV)
PAPER WIDTH		57.5 ± 0.5mm	57.5 ± 0.5mm	57.5 ± 0.5mm
DOT SIZE (W X M mm)		0.125 x 0.125	0.125 x 0.125	0.125 x 0.125
POWER SUPPLY	Drive	5.0 ~ 8.5 DCV	3.6 ~ 7.2 DCV	3.6 ~ 7.2 DCV
	Logic	5 DCV ± 5%	5 DCV ± 5%	5 DCV ± 5%
RELIABILITY	Head	5 x 10^7 pulses	1 x 10^8 pulses	5 x 10^7 pulses
	Mechanism	50Km	50Km	50Km
CUTTER METHOD OF PAPER		-	-	-
PAPER SUPPLY METHOD		Easy paper loading	Easy paper loading	Easy paper loading
DIMENSIONS (W X L X H mm)		72.5 x 39.5 x 16	66.7 x 30.3 x 30.6	68.8 x 32.5 x 15.5

MECHANISM
Impact Printer Mechanism

		new SMP2000 II	new SMP2000 II A
PRINT SPEED (LPS)		4.5 LPS (3 Inch)	4.5 LPS (3 Inch)
PRINT DIRECTION		Bi-Direction	Bi-Direction
PRINTER METHOD		9-pin, Serial Impact dot	9-pin, Serial Impact dot
PRINTING WIDTH (mm)		45.3 (2.3 Inch), 63.5 (3 Inch)	45.3 (2.3 Inch), 63.5 (3 Inch)
RESOLUTION (dpi)	Horizental	168	168
	Vertical	144	144
PAPER	Media	Roll Paper	Roll Paper
	Width (mm)	57.5 ± 0.5, 76.2 ± 0.7	57.5 (2.3 Inch), 76.2 (3 Inch)
	Thickness	With copy (2P) 0.2 mm	With copy (2P) 0.2 mm
RELIABILITY		10 Million Lines	10 Million Lines
HEAD LIFE		300 Million dots / Wire	300 Million dots/Wire
VOLTAGE	Mechanism	24V ± 10%	24V ± 10%
	Logic	5V ± 5%	5V ± 5%
FONT SIZE		3 Inch : 7 x 9, 9 x 9, 16 x 16	3 Inch : 7 x 9, 9 x 9, 16 x 16
		2.3 Inch : 7 x 9, 9 x 9, 16 x 16	2.3 Inch : 7 x 9, 9 x 9, 16 x 16
PRINTING COLUMNS	Font A (7 x 9)	30 (2.3 Inch), 42 (3 Inch)	30 (2.3 Inch), 42 (3 Inch)
	Font B (9 x 9)	25 (2.3 Inch), 35 (3 Inch)	25 (2.3 Inch), 35 (3 Inch)
OPERATION TEMPERATURE		0 ~ 50 ˚C	0 ~ 50 ˚C
PAPER FEEDING		Performed by step motor	Performed by step motor
WEIGHT (G)		435	746
DIMENSION (W X L X Hmm)		127.8 x 100.3 x 53	127.8 x 100.3 x 72.8
OPTION	Black mark sensor	Applicable	Applicable
	Auto Cutter	Applicable	Applicable

		SMP130	SMP136	SMP150
				
PRINT SPEED (LPS)		4.0 LPS (40 Column only)	4.5 (40 Column), 8.0 (20 Column)	4.3 LPS (43 Column), 4.5 LPS (40 Column)
PRINT DIRECTION		Bi-Direction	Bi-Direction	Bi-Direction
PRINTER METHOD		9-pin, Serial impact dot	9-pin, Serial impact dot	9-pin, Serial Impact dot
PRINTING WIDTH (mm)		53.2	53.2	53.2
RESOLUTION (dpi)	Horizental	172	172	172
	Vertical	72	144	144
PAPER	Media	Fan fold	Fan fold	Fan Fold
	Width (mm)	76.2 ± 0.7	76.2 ± 0.7	76.2 ± 0.7
	Thickness	1 Sheet : 0.06 ~ 0.085 mm. Total 0.2 mm	1 Sheet : 0.06 ~ 0.085 mm. Total 0.2 mm	1 Sheet : 0.06 ~ 1.085 mm. Total 0.2 mm
RELIABILITY		5 Million Lines	5 Million Lines	5 Million Lines
HEAD LIFE		200 Million Dots/Wire	200 Million Dots/Wire	200 Million dots / wire
VOLTAGE	Mechanism	24V ± 10 %	24V ± 10 %	24V ± 10 %
	Logic	5V ± 5 %	5V ± 5 %	5V ± 5 %
FONT SIZE		7 x 9, 9 x 9	7 x 9, 9 x 9, 16 x 16	7 x 9, 9 x 9, 16 x 16
PRINTING COLUMNS	Font A (7x9)	40	40	40
	Font B (9x9)	32	32	32
OPERATION TEMPERATURE		0 ~ 50 ˚C	0 ~ 50 ˚C	0 ~ 50 ˚C
PAPER FEEDING		Performed by Step motor	Performed by Step motor	Performed by step motor
WEIGHT (G)		410	345	335
DIMENSION (WXLXHmm)		114.9 x 107.8 x 35.8	113.5 x 107.8 x 35.8	103.3 x 90.5 x 35
OPTION	Black mark sensor	Not applicable	Not applicable	Not applicable
	Auto Cutter	Not applicable	Not applicable	Not applicable